

## WHAT IS CLAIMED IS

1. A sewing machine for stitching optionally selected patterns in accordance with pattern data, the sewing machine comprising;
  - a means for giving indication data for said pattern data,
  - 5 a means for arranging said indication data in accordance with a combination of said pattern data,
  - a means for changing said indication data in accordance with the change of said pattern data,
  - a means for indicating said indication data in a manner that said indication data may be scrolled,
  - 10 a means for designating an initial one of the pattern data indicated at said indicating means.
2. The sewing machine as defined in claim 1, further comprising a means for designating one or more of the patterns at said indicating means, the pattern data of said one or more of the patterns being to be changed.
3. The sewing machine as defined in claim 1, wherein said indication data are arranged in a linear combination and wherein said indicating means indicates the linearly combined patterns in a manner that the same may be scrolled in accordance with the indication data thereof.
4. A sewing machine for stitching optionally selected patterns in series in accordance with pattern data, the sewing machine comprising;
  - 25 a means for giving indication data for said pattern data,
  - a means for arrange said indication data in accordance with a predetermined linear combination of said pattern data,
  - a means for indicating the linearly combined patterns in a manner that the same may be scrolled in accordance with said indication data,
  - 30 a means for discriminating whether or not the pattern data indicated

in linear combination is identical with the preceding pattern data,

a means for treating the image of the patterns indicated at said indicating means, said image treating means treating the stitch end point of the indication data for said preceding pattern data so that said stitch end  
5 point may be indicated in series at said pattern indicating means as the stitch start point of the indication data for the next pattern data, in case said preceding pattern data is discriminated as identical with said next pattern data.

10 5. The sewing machine as defined in claim 4, further comprising a second discriminating means for discriminating whether or not the initial pattern data of said indicated combination of pattern data overlaps the preceding pattern data, in case said preceding pattern data is discriminated by said first discriminating means as identical with said initial pattern data,

15 wherein in case said second discriminating means discriminates said initial pattern data overlapping said preceding pattern data, said image treating means is operated to treat said preceding pattern data in a manner that the overlap portion may be indicated at said pattern indicating means.

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6. The sewing machine as defined in claim 4, further comprising a means for designating one or more of the patterns at said indicating means, the pattern data of said one or more of the patterns being to be changed.

25 7. An indicating method of a sewing machine for stitching a plurality of patterns in series in accordance with pattern data, said indicating method comprising the steps of:

giving indication data for the corresponding pattern data,

linearly combining said indication data in accordance with a  
30 predetermined linear combination of said pattern data,

discriminating whether or not the pattern data of said linearly combined pattern data is identical with the preceding pattern data,

treating the image of the patterns to be indicated in a manner that the stitch end point of the indication data corresponding to said preceding  
5 pattern data may be a stitch start point of the indication data corresponding to the next pattern data, in case said preceding pattern data is discriminated identical with the next pattern data,

indicating said image treated indication data in series in a manner that the indicated indication data may be scrolled.

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8. The indicating method of a sewing machine as defined in claim 7, further comprising a step of discriminating whether or not the initial pattern data of said linearly combined pattern data is identical with the preceding pattern data, and further discriminating whether or not said initial pattern  
15 data partly overlaps said preceding pattern data, in case said initial pattern data is discriminated identical with said preceding pattern data, wherein image treatment is performed starting from said preceding pattern data in accordance with the indication data so that the pattern images may be indicated with the overlap portion included, in case said initial pattern  
20 data is discriminated as partly overlapping said preceding pattern data.